



LINK ELECTRONICS, INC.

Y/C DISTRIBUTION AMP MODEL PVA-851



MADE IN THE USA



FEATURES

- ◆ 16 Outputs
- ◆ Y & C Gain
- ◆ Bandwidth 30MHz
- ◆ Input Terminate Switch
- ◆ 4-Pin Mini DIN Connectors

The PVA-851 is a self-contained Y/C Video Distribution Amplifier. Its input is normally high-impedance, looping, but may be terminated using a rear panel push button switch. All inputs and outputs use a standard four pin Mini-DIN connectors. Front panel independent gain controls for Luminance (Y) and Chrominance (C) allow for precise adjustment.

The PVA-851 is an ideal device for duplication in a Y/C environment. One looping input and 16 outputs of Y/C are provided through Mini-DIN's.

The video performance of the PVA-851 is outstanding with differential phase and gain errors of less than 0.1° and 0.1%, respectively. High-performance CMF op-amps in the video path allow the PVA-851 to combine wide bandwidth of 30MHz with low noise of greater than 68dB. The power consumption is less than 8.0VAR.

The Y/C distribution amplifier is housed in a rugged 1RU chassis and is backed by LINK's ten-year warranty.

MODEL PVA-851

Y/C DISTRIBUTION AMP

SPECIFICATIONS

INPUT:

Video Level:	.....	1.0Vpp \pm 3dB
Impedance:	.....	20k Ω or 75 Ω , selectable
Configuration:	.....	Single-ended, AC coupled
Cross Talk	.....	>65dB @3.58MHz
		>55dB @10.0MHz

OUTPUTS:

Number	.....	Sixteen (16) Y/C
Level	.....	Unity Gain, +3dB, -1.5dB
Impedance	.....	75 Ω , \pm 1%
Frequency Response:	.....	\pm0.1dB to 10MHz
		-1.0 @ 20MHz
		-3.0 @ 30MHz
Differential Gain	.....	<0.1%
Differential Phase	.....	<0.1°
Propagation Delay	.....	17ns
Hum and Noise	.....	>68dB
DC Offset	.....	<0.2Vdc
Field Rate Tilt	.....	<0.2%

ENVIRONMENTAL:

Temperature:	.....	0° to 50° C (ambient)
Humidity:	.....	10% to 90% non-condensing
Power:	.....	8VAR
AC Input:	.....	120/240VAC (\pm 10%) 50/60Hz

MECHANICAL:

Height:	1.75 inches
Width:	19 inches
Depth:	8 inches
Weight:	4.75 Lbs.



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